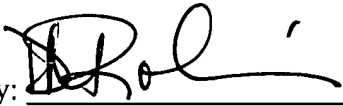


**CERTIFICATE OF MAILING  
(PATENT APPLICATION)**

Attorney Docket No. 011738.00140  
Confirmation No. 8256

Express Mail No. EL 995824092 US  
Deposited: April 28, 2004

I hereby certify that the attached correspondence, identified below, is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under 37 CFR §1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:  \_\_\_\_\_

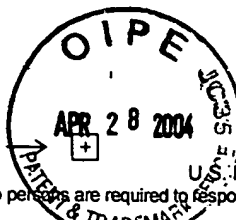
Frei, et al., U.S. Patent Application No. 10/687,133 for "Channel-Selective Blanking for a Medical Device System"

Transmitted herewith are the following documents:

- Transmittal Form (in duplicate)
- Information Disclosure Statement (2 pages)
- Form PTO/SB/08A (1 page)
- 1 Reference
- Copy of Acknowledgement Receipt (2 pages)
- Copy of Electronic Information Disclosure Statement (1 page)
- Return Postcard

BANNER & WITCOFF, LTD.  
Ten South Wacker Drive  
Suite 3000  
Chicago, Illinois 60606-7407  
Telephone: 312-463-5000

Please type a plus sign (+) inside this box



04-29-04

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/687,133
Filing Date	October 15, 2003
First Named Inventor	Mark Frei
Group Art Unit	3762
Examiner Name	Not assigned
Attorney Docket Number	011738.00140

### ENCLOSURES (check all that apply)

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment / Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Replacement Figure 4<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Copy of Notice to File Missing Parts of Nonprovisional Application<br><input type="checkbox"/> Executed Declaration<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>1 Reference<br>Copy of Acknowledgement Receipt<br>Copy of Electronic IDS<br>Express Mail Certificate<br>Return Receipt Postcard |
|---|--|--|

Remarks

The Commissioner is hereby authorized to charge any deficiencies in payment or credit any overpayment to our Deposit Account No. 19-0733.

Express Mail No. EL 955824092 US

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Kenneth F. Smolik Banner & Witcoff, Ltd.
Signature	<i>Kenneth F. Smolik</i>
Date	April 28, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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PTO/SB/21 (08-00)

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# TRANSMITTAL FORM

APR 28 2004

(to be used for all correspondence after initial filing)

Application Number	10/687,133
Filing Date	October 15, 2003
First Named Inventor	Mark Frei
Group Art Unit	3762
Examiner Name	Not assigned
Attorney Docket Number	011738.00140

Total Number of Pages in This Submission

## ENCLOSURES (check all that apply)

☐ Fee Transmittal Form

☐ Fee Attached

☐ Amendment / Response

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☒ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/ Incomplete Application

☒ Response to Missing Parts under 37 CFR 1.52 or 1.53

☐ Assignment Papers (for an Application)

☐ Replacement Figure 4

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a Provisional Application

☐ Power of Attorney, Revocation Change of Correspondence Address

☐ Copy of Notice to File Missing Parts of Nonprovisional Application

☐ Executed Declaration

☐ CD, Number of CD(s) \_\_\_\_\_

☐ After Allowance Communication to Group

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s) (please identify below):

1 Reference

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Return Receipt Postcard

Remarks

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Express Mail No. EL 955824092 US

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name

Kenneth F. Smolik  
Banner & Witcoff, Ltd.

Signature

*Kenneth F. Smolik*

Date

April 28, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Attorney Docket No. 011738.00140)

In re U.S. Patent Application of Frei, et al.	)	
	)	
Application No. 10/687,133	)	Group Art Unit: 3736
	)	
Filed: October 15, 2003	)	Examiner: Unassigned
	)	
For: Channel-Selective Blanking For A	)	Confirmation No. 8256
Medical Device System	)	
	)	

**INFORMATION DISCLOSURE STATEMENT**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR §§1.97 and 1.98, the Applicant wishes to make the following references of record in the above-identified application. This Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 CFR §1.56. Copies of the foreign references cited below are enclosed. The references are also listed on the enclosed and completed Form PTO/SB/08A.

The U.S. references were filed electronically on April 28, 2004. A copy of the Electronic Information Disclosure Statement is attached hereto.

This Information Disclosure Statement is filed under 37 CFR §1.97(b) before the mailing date of a first Office Action on the merits. Accordingly, there is no fee due for filing this Information Disclosure Statement. However, if it is determined that a fee is due, the

Commissioner is authorized to charge or credit any fees associated with this paper to Deposit Account No. 19-0733.

Under 37 CFR §1.97(g), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made.

Under 37 CFR §1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the cited references are, or are considered to be, material to patentability as defined in 37 CFR §1.56(b).

**Foreign References**

EP 0562237A1, published September 29, 1993

Dated: April 28, 2004

Respectfully submitted,

By: Kenneth F. Smolik

Kenneth F. Smolik  
Registration No. 44,344  
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Chicago, Illinois 60606  
Telephone: 312-463-5000  
Facsimile: 312-463-5001



PTO/SB/08A (10-01)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/687,133		
		Filing Date	October 15, 2003		
		First Named Inventor	Frei		
		Group Art Unit	3736		
		Examiner Name	Unassigned		
Sheet		of		Attorney Docket Number	011738.00140

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS							
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)					
		EP 0562 237 A1		09/29/1993			

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**UNITED STATES PATENT AND TRADEMARK OFFICE  
ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1

Stylesheet Version v1.1.1

**Title of  
Invention**

Channel-Selective Blanking for a Medical Device System

Submission Type: Information Disclosure Statement

Application Number: 10/687133

\*10/687133\*

EFS ID: 59932

Server Response:

Confirmation Code	Message
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application
ICON1	8256
ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.

First Named Applicant: Mark Frei

Attorney Docket Number: 011738.00140

Timestamp: 2004-04-28 10:03:42 EDT

From: us

File Listing:

Doc. Name	File Name	Size (Bytes)
us-ids	011738.00140-usidst.xml	1841
us-ids	us-ids.dtd	7763
us-ids	us-ids.xsl	12026
package-data	011738.00140-pkda.xml	1789
package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
Total files size		69707

Message Digest: c44adde19f7d9c770332dc2638fcf7989e2aabb3

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Name:cn=Kenneth Smolik,ou=Registered  
Attorneys,ou=Patent and Trademark  
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**ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18

Stylesheet Version v18.0

**Title of  
Invention****Channel-Selective Blanking for a Medical Device System**

Application Number: 10/687133 \*10/687133\*  
Confirmation Number: 8256  
First Named Applicant: Mark Frei  
Attorney Docket Number: 011738.00140  
Art Unit: 3762  
Examiner: Unassigned Unassigned  
Search string: ( 4825870 or 4967746 or 4974589 ).pn.

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

**US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4825870	1989-05-02	Mann			
	2	4967746	1990-11-02	Vandergriff			
	3	4974589	1990-12-04	Sholder			

**Signature****Examiner Name****Date**